

For the purpose of transferring information using a sender signal (su) having several frequency-specific subcarriers from a first unit (RNT) to a second unit (BS) via a transfer medium (FK), in the first unit (RNT) the frequency-specific transfer properties of the transfer medium (FK) are detected and then the subcarriers of the sender signal (su) are adapted to the detected transfer properties. According to the invention, all subcarriers of the sender signal (su) can be modulated with the same modulation stage number, thereby achieving a maximum exploitation of the transfer resources of the transfer medium (FK).